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**TRANSMITTAL LETTER**  
**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Francis X. Canning
App. No	:	10/619,796
Filed	:	July 15, 2003
For	:	SPARSE AND EFFICIENT BLOCK FACTORIZATION FOR INTERACTION DATA
Examiner	:	Unknown
Art Unit	:	2811

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 11, 2005

(Date)

Lee W. Henderson Ph.D., Reg. No. 41,830

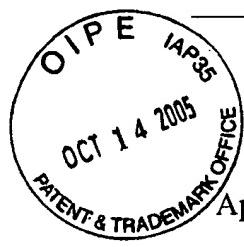
**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing one (1) reference.
  - (X) Enclosing one (1) reference.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Lee W. Henderson Ph.D.  
Registration No. 41,830  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404



## INFORMATION DISCLOSURE STATEMENT

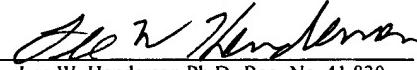
Applicant : Francis X. Canning  
 App. No : 10/619,796  
 Filed : July 15, 2003  
 For : SPARSE AND EFFICIENT BLOCK  
 FACTORIZATION  
 INTERACTION DATA  
 Examiner : Unknown  
 Art Unit : 2811

## CERTIFICATE OF MAILING

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(Date)

  
Lee W. Henderson Ph.D., Reg. No. 41,830

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing one (1) reference to be considered by the Examiner. Also enclosed is one (1) foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required. If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

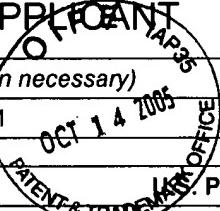
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 11, 2005

By: 

Lee W. Henderson Ph.D.  
 Registration No. 41,830  
 Attorney of Record  
 Customer No. 20,995  
 (949) 760-0404

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Multiple sheets used when necessary)</i> SHEET 1 OF 1		Application No.	10/619,796
		Filing Date	July 15, 2003
		First Named Inventor	Francis X. Canning
		Art Unit	2811
		Examiner	Unknown
		Attorney Docket No.	CANNING.001CP2



U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1				
	2				
	3				
	4				
	5				
	6				

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	7					
	8					
	9					
	10					
	11					

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>1</sup>
	12	KEITH NABORS and JACOB WHITE, "FastCap: A Multipole Accelerated 3-D Capacitance Extraction Program," IEEE Transactions on Computer Aided Design, Vol. 10, No. 11, November 1991, Pages 1447-1459				
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Examiner Signature	Date Considered
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.